ABSTRACT

The invention relates to a camera system which is used to monitor at least one blind angle. The inventive system comprises an electrooptic device which can obtain images taken of the external environment and at least one system for processing and analyzing signals obtained using the camera. The invention also comprises two electrically-interconnected modules which can communicate with one another, namely: a) a first module (12) consisting of an electrooptic device and processing means; and b) a second module which forms an interface with the vehicle and which is disposed at a distance from the first module. The components of said two modules operate, at least, at two different voltage levels. The aforementioned two-module division enables the distribution of the zones which are powered at determined voltage levels and which are interconnected, as well as the distribution of the heat-generating zones, thereby reducing the dissipation requirements and shielding the sensitive circuitry of the first module (12).